

# 網路培訓 | EN ISO 9712 國際非破壞檢測人員認證班招生

BRIPC NDT 學校

2021 年，BRIPC NDT 學校順利取得 EN ISO 9712 培訓資質，正式在台灣開展線上和線下國際 NDT 人員標準(EN ISO 9712 )液滲透檢測 PT，磁粉探傷檢測 MT，超聲檢測 UT，相控陣超聲檢測 PAUT 和 TOFD 方法的 1、2、3 級培訓和認證服務。

## EN ISO 9712 證書介紹

主旨：

推展 EN-ISO-9712

說明：

發照執構 BRIPC，BRIPC 是國際認可論壇《IAF》和歐盟認證協會《EA》互認協定的簽約組織，認可機構的認可 ISO-17024 人員認證機構，所頒發 EN-ISO-9712 國際認可執照。

ATO(培訓學校)及 AQB(考試機構)領翼國際學校，選擇台灣地區由「瞳樂有限公司」來配合培訓機構。

ISO-9712 是歐盟對於非破壞檢測人員的強制性資格認證標準，目前亦是國際間廣泛對製造商的非破壞檢測人員資格的要求，尤其目前台灣發展風力發電，風力發電的非破壞檢測也需要有 ISO-9712 執照來執行檢測，領翼國際學校取得香港 BRIPC 機構授權，按照 ISO-9712 標準提供非破壞檢測人員的訓練，擁有多年豐富的經驗，為因應台灣各方業界和風力發電檢測需求，積極推動業者與國際的接軌我們與合作夥伴領翼國際學校在台灣開辦 ISO-9712 非破壞檢測人員訓練課程，協助業者順應全球化趨勢，領翼國際學校教學理念課程以小班制，讓學員有充分實際操作的機會使學員在短時間紮實的培訓下結合理論以實務增進專業技能。

領翼國際學校依照 ISO-17024 與 9712 系統運行，對於協助業主及檢測人員參與國際項目滿足規定之人員資格要求，提升國際競爭力不餘遺力。

領翼國際學校正培訓 PAUT 及 TOFD 課程，兩種檢測技術具有極高的檢測靈活性，缺陷檢出率高，同時可記錄數據，在工程領域被廣泛的應用於複雜結構工件的檢測，例如：代替傳統射線技術檢測，應用於厚壁壓力容器銲縫檢測，汽渦輪機葉片根部複雜的結構檢測，大尺寸風力發電的檢驗及風力發電葉片檢測等等。

為推動 PAUT 及 TOFD 在工業領域的應用，提升品質把關能力，幫助業界有更好的理解和應用掌握檢測設備的基本操作與常用工件檢測工藝，領翼國際學校配合台灣 PAUT&TOFD 高級檢測師開辦 PAUT&TOFD 的培訓班，培訓內容主要針對 PAUT 及 TOFD 檢測基本原理、特點及介紹檢測技術標準說明和解讀儀器基本操作數據分析及技巧說明，實作練習，典型 PAUT 及 TOFD 工藝應用及案例分析缺陷判讀等方面，講師將理論以實際相結合，通過詳細的介紹讓學員有系統地瞭解 PAUT 及 TOFD 原理方法，並進一步提升對儀器的實際檢測以應用能力，同時讓製造商、承包商、檢驗公司共同提升台灣工業製造的品質。

## 第一期 EN ISO 9712 認證班

COVID-19 疫情期間，為方便廣大同學參加培訓，經認證機構批准，第 1 期培訓班學校採取線上+線下混合的方式進行教學，具體形式如下：

**線上培訓：**利用學校的網路平臺，採取**在線閱讀**（預習）+**網路視頻直播**（重點內容講解）+**線上家庭作業**（複習）形式進行，線上培訓時間約占標準規定總培訓時間的 50%。

**線下培訓：**重點進行實際操作培訓。約占標準規定總培訓時間的 50% 如 MT/PT 只需參加 2 天的實操培訓，即可參加考試。

證書示意圖(如下)



**SNT-TC-1A**：該標準也是基於雇主認證體系。美國工業領域廣泛使用的 NDT 人員認證推薦指南，於 1966 年首次發佈。2011 版以及目前使用的 2016 版都已經涵蓋了網路培訓。見標準 7.1 節，下圖紅線部分：

#### 7.0 Training Programs

- 7.1 Personnel being considered for initial certification should complete sufficient organized training. The organized training may include instructor-led training, personalized instruction, virtual instructor-led training, computer-based training, or web-based training. Computer-based training and web-based training should track hours and content of training with student examinations in accordance with 7.2. The sufficiently organized training shall be such as to ensure the student is thoroughly familiar with the principles and practices of the specified NDT method related to the level of certification desired, and applicable to the processes to be used and the products to be tested. All training programs should be approved by the NDT Level III responsible for the applicable method.
- 7.2 The training program should include sufficient examinations to ensure understanding of the necessary information.
- 7.3 Recommended training course outlines and references for NDT Levels I, II, and III personnel, which may be used as technical source material, are contained in *ANSI/ASNT CP-105: ASNT Standard Topical Outlines for Qualification of Nondestructive Testing Personnel*.
- 7.4 The employer who purchases outside training services is responsible for assuring that such services meet the requirements of the employer's written practice.

**ANSI/ASNT CP189**：美國 NDT 人員認證的國家標準，該標準於 2006 年發佈。CP-189 和 SNT-TC-1A 相似，但 CP 189 有更嚴格的規定，即雇主不能根據公司的需求而改變標準要求。2011 版標準就已經開始包含網路培訓，見 4.1.1.1 節要求，下圖紅色部分：

- 4.1.1.1 The organized training may include instructor-led training, self-study, virtual instructor-led training, computer-based training or web-based training. Computer-based training and web-based training shall track hours and content of training with student examinations in accordance with 4.1.2.

**ANSI / ASNT CP-106**：該文件其實就是滿足 ISO 9712 要求的美國國家標準，內容和 ISO9712 基本相同。

FOR QUESTION 1/ Section V of the code was modified in the 2013 edition to reference ISO 9712:2012-based programmes. The wording of the relevant part of ASME Section V 2015 edition is reproduced in Figure Employers working to ASME codes who choose to follow this option now prepare a written practice (based on the recommendations of SNT-TC-1A/CP189), which references certification in accordance with third-party/central schemes that comply with ISO 9712 2012. A reference to CP-106[4] would also meet the specified requirement.

It was hoped by the Section V committee that the application sections of the code would dispense with their own requirements for personnel qualification and certification and reference Section V instead. This would be helpful to the international users of ASME codes who also have to comply with regional or national legislation.

**ISO 9712 : 2012** 無損檢測人員認證的國際公認標準，並且被世界上大多數國家使用。在該標準的 7.2.2 節中，明確定義了“對於所有級別的候選人，都應完成認證機構認可的理論和實踐培訓課程”。對於在線考試和培訓，ISO 9712 : 2012 ( 8.3.4.1 ) 允許在通用考試和規範考試中明確使用電子評估系統。標準全文並未提及網路培訓，當然對其也沒有任何限制。

QUESTION 2 Certification of NDT personnel is mandatory for most of the sectors. There are several standards that can be used for certification of NDT personnel. ISO 9712 standard generally accepted by most of the countries but there is also another well-known guideline for certification like SNT-TC-1A. All standards require training and examination to certify the personnel in different NDT levels. EN ISO 9712:2012 is internationally accepted standard for certification of NDT personnel and used by most of the countries all around the world. In section 7.2.2 of this standard it is explicitly defined that “for all levels, the candidate shall satisfactorily complete a course of theoretical and practical training recognized by the certification body”. As for online examination and training, ISO 9712:2012 (8.3.4.1) allows explicit use of e-assessment systems for the general and specific examinations. The use of elearning systems for training is not directly mentioned in the context of standard but there is also no restriction for using e-learning option [1].

需要注意的是：2018 年，ISO9712 標準的編寫技術委員會 ( ISO/TC135 )，發佈的標準 **ISO/TS 25108 - 無損檢測人員培訓機構，其附錄 B 有對網路培訓的具體要求，見下圖：**

PD CEN ISO/TS 25108:2018  
ISO/TS 25108:2018

## Annex B (informative)

### E-Learning

#### B.1 ISO 9712 and the use of e-learning

[ISO 9712](#) explicitly allows the use of e-assessment systems for the general and specific examination.

Therefore, e-learning technologies can be utilized if requirements for training as defined in [ISO 9712](#) are fulfilled:

- training fulfils a syllabus (ISO/TS 25107) approved by the certification body;
- the student provides documentary evidence, acceptable to the certification body, that he has satisfactorily completed a course of training;
- training is related to the method and level for which the certification is sought;
- training includes both practical and theoretical elements.

The full replacement of practical training by e-learning is not possible.

#### 具體主要有以下要求：

- 網路 NDT 培訓大綱要滿足 ISO/TS25107 標準要求，並且必須經過認證機構的批准。
- 1 級和 2 級的实操培訓必須占 ( 50±10 ) % 的總培訓時間。
- 網路培訓平台必須有**追蹤和記錄學員學習狀態**的功能。

QUESTION 3/Recommendations to certification bodies Certification bodies are urged to provide certification to ISO 9712 in order to maximise the value of their certification. In anticipation of future harmonisation, their training syllabuses should encompass the requirements of ISO/TR 25107[8].ISO/TR 25107[8] Training Guidelines referenced as a basis for certification bodies to define their training syllabuses (other documents demonstrated as equivalent may be used); E LEARNING AND TRAINING

This section lists all documents referred to in the main text and the appendices. It provides a list of the latest editions (at the time of writing) of standards dealing with or impacting upon the qualification and certification of personnel engaged in NDT. REFERENCE DOCS:

1. ISO 9712:2012 Non-destructive testing – Qualification and certification of NDT personnel
2. ISO 9001:2015 Quality management systems - Requirements
3. 2014/68/EU Pressure Equipment Directive (PED) – overview online at <http://bit.ly/22fcq67>
4. ANSI/ASNT CP-106-2008 Non-destructive testing – Qualification and certification of personnel
5. ISO/IEC 17024:2012 Conformity assessment – General requirements for bodies operating certification of persons
6. EN 4179:2009 Aerospace series – Qualification and approval of personnel for non-destructive testing
7. SNT-TC-1A (2016) ASNT Recommended Practice for Personnel Qualification and Certification in NonDestructive Testing
8. ISO/TR 25107:2006 Non-destructive testing – Guideline for NDT training syllabuses
9. ISO/IEC Guide 21-1:2005 Regional or national adoption of international standards and other international deliverables – Part 1: Adoption of international standards
10. WNA Report 2014/003 Certification of NDE Personnel, World Nuclear Association, CORDEL Codes & Standards Task Force, October 2014
11. ISO/IEC 17011:2012 Conformity assessment – General requirements for accreditation bodies accrediting conformity assessment bodies
12. ISO/IEC 17040: 2005 Conformity assessment – General requirements for peer assessment of conformity assessment bodies and accreditation bodies
13. ISO 20807:2004 Non-destructive testing – Qualification of personnel for limited application of nondestructive testing
14. ISO TS 11774:2011 Non-destructive testing – Performance-based qualification
15. ACCP ASNT Central Certification Programme – ‘Frequently Asked Questions’ online at <http://bit.ly/1rdnTng>
16. ANSI/ASNT CP-189-2011 ASNT Standard for Qualification and Certification of Non-Destructive Testing Personnel
17. CEN/TR 15589:2014 Non-destructive testing – Code of practice for the approval of NDT personnel by recognised third-party organisations under the provisions of Directive 97/23/EC

## 第 2 期 EN ISO 9712+培訓時間

(線上培訓白天,周一至周五)

(線下培訓白天,週六、日)

最低訓練時數			
非破壞檢測方法	Level 1 天數	Level 2 天數	Level 3 天數
目視檢測(VT)	3	2	3
液滲透檢測(PT)	3	2	3
磁粉探傷檢測(MT)	3	2	4
超音波檢測(UT)	8	10	5
渦電流檢測(ET)	5	6	6
基礎 3 級	-	-	18(小時)
超聲檢測衍射時差法(TOFD)	5	5	-
相控陣超聲檢測(PAUT)	5	5	-

a. 一天的時間至少是七小時，可以在一天內實現，也可以透過累積小時數來實現。  
b. 對於 RT 而言，培訓時間不包含射線安全培訓  
c. 基礎 3 級時數為小時，其餘皆為天數

(a) 下列為可減少訓練時數之條件。符合多重條件時，減少之總時數不能超過 50%的訓練時數。任何減少訓練時數皆須經驗證機構同意。

(1) 對於所有資格等級：

當報考人驗證的檢測方法超過 1 類(例：磁粉探傷檢測、液滲透檢測)，或已持證但報考另一類檢測方法，若參加訓練課程之科目重複時(例：產品相關技術)，這些檢測方法(例：液滲透檢測、磁粉探傷檢測、目視檢測)的總訓練時數，可將訓練課程科目之重複部分予以減少。

報考人係大學(院)或專科學校相關科系畢業，或在大學(院)完成 2 年以上之工程或科學相關課程，所需的總訓練時數，可減少最多至 50%。

備考：相關科系之定義，可與非破壞檢測方法相關(化學、數學或物理)，及/或與產品或工業領域相關(化學、冶金、工程等)。



- (2) 對於初級檢測員及中級檢測師驗證，若驗證認可檢測範圍受限制時：
- 僅限於在特定領域之應用(例：棒材、管件及線材自動化渦電流檢測、超音波檢測，或軋延鋼板直束超音波厚度檢測及夾層檢測)。
  - 僅限於特定領域之技術(例：限於射線檢測之放射線照射)。
- 可減少最多至 50%的訓練時數。
- (3) 對於直接報考射線檢測中級檢測師驗證，若驗證認可檢測範圍限制在執行單一產品領域之底片判讀時，最低訓練時數為 56 小時。
- (4) 檢測方法有台灣非破壞超音波、渦電流中級執照，可以減少訓練時數條件及一般科目豁免。
- (5) 檢測方法有台灣非破壞協會中級執照 (VT、PT、MT) 者，可豁免一般科目考試，而訓練時數不能豁免。

### BRIPC EN ISO 9712 課程收費

(以下費用包含培訓和考試認證所有費用，無其他額外收費。)

課程收費					
培訓方法		培訓費	考試費	補考費(單科)	備註
VT/PT/MT	2 級	20,000	7,000	4,000	
	3 級	22,500	7,000	4,000	
UT	2 級	29,000	9,000	5,000	自備機器
	3 級	30,000	9,000	5,000	
ET	2 級	27,000	8,000	4,500	
	3 級	28,000	8,000	4,500	
基礎 3 級		18,000	12,000	6,500	
TOFD 2 級		65,000	15,000	7,500	自備機器
PAUT 2 級		70,000	15,000	8,000	自備機器

※未自備機器上 UT 課程收費加\$5,000，TOFD 2 級、PAUT 2 級課程收費加\$10,000

※考試未通過者，可在考試過後的一個月之後，擁有兩次補考機會，不遲於最初考試後的兩年。

※筆試補考或是實作補考費用各參照表內補考費，筆試實作皆未通過考試，補考費用則是乘以二。

※台灣代理：瞳樂有限公司 Look And Learn Company

住址：(1)高雄上課地點：

高雄市鼓山區華榮路 250 號 7 樓 C 室【0930-299-000 · 聯絡人:曾先生】

Rm.C,7F., No.250,Huarong Rd.,Gushan Dist.,Kaohsiung City 804,Taiwan

(2)雲林縣麥寮鄉橋頭村新民街 66 號【05-6914142 · 聯絡人:許明燕】

No.66,Xinmin St.,Qiaotou Vil.,Mailiao Township,Yunlin County 638,Taiwan

[kpe5572@gmail.com](mailto:kpe5572@gmail.com)

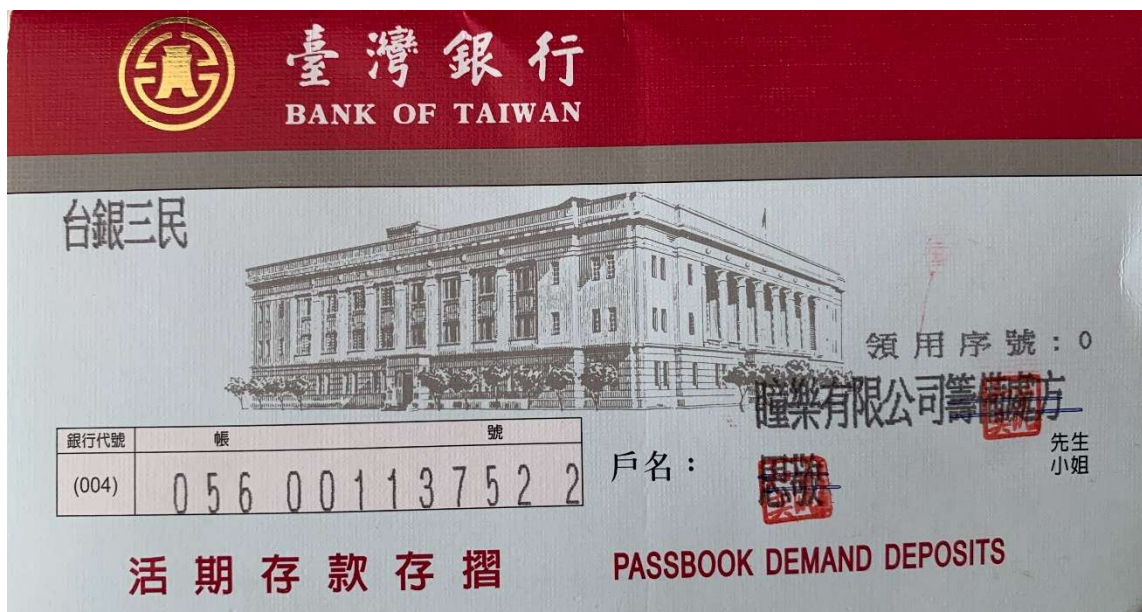
[kpe6266@gmail.com](mailto:kpe6266@gmail.com)

### 匯款資訊

銀行：(004)臺灣銀行 三民分行

戶名：瞳樂有限公司

帳號：056001137522



## 考試報名資料

- 1) 提交報名表，填寫表格 F32
- 2) 提交視力檢測報告，填寫表格 F30
- 3) 提交相關執照，並填寫表格 F40 ( 如需減免培訓時間 )
- 4) 提交學歷證明及數位大頭照(白底-頭部至肩膀)

各方法工作經歷要求如下：

NDT 方法	工作經歷(天)					
	1 級	2 級		3 級		
		有 1 級證書	直接報考	具有高等教育 及 2 級證書	有 2 級證書	具有高等教育 直接報考
<b>ET、UT</b>	45	135	180	270	450	540
<b>MT、PT、VT</b>	15	45	60	180	240	360

注：報考 PAUT 和 TOFD 需有 ISO 9712 UT 2 級執照證明。

## 網絡講師簡介



### MT/PT 培訓老師：劉田地

- ASNT: PT/MT/UT/RT 3 級
- ISO9712 PT/MT/UT/RT 3 級  
Aramco 認證檢驗員
- 15 年 NDT 一線檢測和工程管理工作經驗，曾工作於 SGS 中國 NDT 事業部，BV 中國工業事業部，現供職於 TUV NORD 工業事業部，NDT 產品經理。美國無損檢測學會上海分會培訓組委會副主任。BRIPC 特約公益講師。

## UT 培訓老師：康文捷

- ASNT: PT/MT/UT/RT 3 級  
特種設備：PT/MT/UT/RT 3 級
- ISO9712: UT/RT 3 級  
EN 9712: PT/MT/UT/PAUT 2 級
- 29 年的 NDT 工作經驗，11 年的 NDT 培訓教學經驗。現任天津機械工程學會理事。比較熟悉國內外 NDT 標準，例如：GB、NB、DL、EN、ISO、ASME、AWS、API 等



## TOFD 培訓老師：富陽



- 教授級高級工程師，無損檢測高級人員。
- 2012 年獲得特種設備高級檢驗師，河北工業大學客座教授，中國特檢協會考評專家，廣東省特種設備行業協會考評專家，全國無損檢測儀器標委會委員。
- 27 年特種設備和石化設備檢驗、無損檢測經驗，全國質檢系統“檢測技能大比武”超聲波檢測獎、全國無損檢測競賽獎，擅長檢驗檢測新技術研發和新產品開發，獲得省部級科技進步一等獎。

## PAUT 培訓老師：金磊

- ASNT: PT/MT/UT/RT 3 級
- ISO9712: PT/MT/UT/RT 3 級  
CSWIP: PAUT/TOFD 3 級
- 24 年 NDT 工程檢測和現場管理工作經驗；第六屆和第七屆全國無損檢測標準化技術委員會成員；中國機械工程學會高級會員；中國機械工程學會無損檢測分會第 11 屆委員會委員；無損檢測學會教育培訓科普專業大會成員；美國無損檢測學會上海分部活動委員會主任。



## 3 級基礎 培訓老師：胡文杰

- ASNT:PT/MT/RT/UT/ET/VT 3 級  
PCN:PAUT/TOFD 3 級
- ISO9712:PT/MT/UT/RT/ET 3 級
- 27 NDT 工作經驗；南昌航空工業學院無損檢測專業；高級工程師；壓力容器檢驗師；壓力管道檢驗師；挪威船級社（中國）NDT 技術專家。全國無損檢測專業大學生技能大賽裁判；美國無損檢測學會上海分會選舉委員會主任，BRIPC 特約公益講師。



## UT.PAUT.TOFD培訓講師：李文華



- Bindt PCN ISO-9712:UT/PAUT/TOFD 3 級
- EN-ISO-9712:VT 3 級
- ASNT:UT/ET 3 級
- ROCSNT:UT/RT/PT/MT 3 級
- 2005 年從事 PAUT、TOFD 韓國三星
- 2007 年越南 PAUT 球槽
- 2008 年泰國曼谷 BCP PQ1 案 PAUT
- 2013 年菲律賓 PAUT 電廠爐管腐蝕
- 2017 年馬來西亞馬油公司 PAUT、TOFD

## UT.PAUT.TOFD培訓講師：馮清貴

- Bindt PCN ISO-9712:TOFD 3 級
- EN-ISO-9712:UT/PAUT/VT 3 級
- EN-ISO-9712: PT/MT 3 級
- ASNT:UT 3 級
- ROCSNT:UT/ET 3 級
- 2005 年從事 PAUT、TOFD 韓國三星
- 2007 年越南 PAUT 球槽
- 2008 年泰國曼谷 BCP PQ1 案 PAUT
- 2013 年菲律賓 PAUT 電廠爐管腐蝕
- 2017 年馬來西亞馬油公司 PAUT、TOFD



## F/32\_Application for BRIPC/ ISO9712 Initial Examination

### ITEM 1. CANDIDATE'S PERSONAL DETAILS

**Name:** Enter your legal name. This is how it will be entered in the BRIPC database, and how your name will appear on your certificate.

<b>Given Names:</b>		<b>Family Name:</b>	
<b>Date of Birth: (DD/MM/YY)</b>			
<b>Mobile Phone NO:</b>			
<b>Personal Email:</b>			
<b>Personal Address:</b>			
<b>Company Name (If have):</b>			
<b>Work Address:</b>			

Current Valid ISO9712 Certificate				
<b>Method:</b>		<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3
<b>Method:</b>		<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3
<b>Method:</b>		<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2	<input type="checkbox"/> Level 3
<b>Do you have a higher education?</b> <input type="checkbox"/> YES <input type="checkbox"/> NO				
<b>Note:</b> Higher education refers to formal learning that occurs after completion of secondary education in the field of engineering or science.				

### ITEM 2. NDT METHOD, LEVEL AND SECTOR APPLIED FOR

Select the method, level and sector(s) of certification available in the BRIPC/ ISO9712 scheme.

NDT method			Level	Sector(s)
<input type="checkbox"/> MT	<input type="checkbox"/> MT-FL		<input type="checkbox"/> 1	<input type="checkbox"/> Welds (w)
<input type="checkbox"/> PT			<input type="checkbox"/> 2	<input type="checkbox"/> Castings (c)
<input type="checkbox"/> UT	<input type="checkbox"/> UT-PA	<input type="checkbox"/> UT-TOFD	<input type="checkbox"/> 3	<input type="checkbox"/> Forgings (f)
<input type="checkbox"/> VT				<input type="checkbox"/> Tubes and pipes (t)
<input type="checkbox"/> RT	<input type="checkbox"/> RT-D	<input type="checkbox"/> RT-CT		
<input type="checkbox"/> ET				

**ITEM 3. CANDIDATES WITH SPECIAL NEEDS (OPTIONAL)**

It is the policy of BRIPC to make reasonable accommodations for candidates with special needs. However, to do this, we must know what the needs are ahead of time. If you have special needs (e.g., English translation dictionary, visual impairment, dyslexia, handicapped facilities, etc.) list them here and BRIPC will do our best to make necessary and reasonable accommodations.

<b>Special Accommodation Request:</b>

**ITEM 4. INDUSTRIAL NDT EXPERIENCE**

<b>Method:</b>		
<b>Experience gained: (DD/MM/YY)</b>	From:	To:
<b>NDT Experience In days:</b>		
<b>Products tested:</b>		
<b>Referee Name:</b>		
<b>Referee Contact Email:</b>		

**ITEM 5. CANDIDATE’S STATEMENT CONFIRMING ELIGIBILITY FOR EXAMINATION**

<p>I have read and understood BRIPC/ EN ISO9712 Scheme General Requirements for the certification of personnel engaged in NDT, particularly the criteria for eligibility, and hereby confirm that I satisfy those criteria covering vision, training and experience applicable to the level and NDT method of certification I am seeking for. In the event that I should be awarded BRIPC/ EN ISO9712 certification. I agree to comply with the Code of Ethics (published as BRIPC/ EN ISO9712 document PY/05). I understand that, in the event of a false statement being discovered, any certification awarded as a result of the examination will be null and void. I accept responsibility for payment of examination fees in the event of non-payment by the sponsor.</p> <p><b>Attach:</b></p> <ul style="list-style-type: none"> <li>a. Vision test certificate (Form F/30 may be used) unless vision test arranged at the Examination Centre</li> <li>b. Evidence of training</li> <li>c. Copy of higher education certificate</li> <li>d. Photo identification</li> </ul> <p><b>Bring:</b></p> <ul style="list-style-type: none"> <li>a. Your passport or identity card with photos.</li> <li>b. Your own NDT instrument if desired (information on acceptable instruments is available from the Examination Centre), together with a valid calibration certificate.</li> </ul>			
<b>Signature of Applicant:</b>		<b>Date Signed: (DD/MM/YY)</b>	



**ITEM 6. VERIFICATION OF CANDIDATE'S STATEMENT BY THE EMPLOYER OR, IF THE CANDIDATE IS SELF-EMPLOYED, A REFEREE.**

To the best of my belief, the candidate's statement given above is correct at the time of signing. I declare that on request, I can/will supply evidence supporting this referee statement.

DECLARATION BY REFEREE

REFEREE NAME: .....

COMPANY: .....

REFEREE EMAIL: .....

SIGNATURE: .....

OR BY EMPLOYER

COMPANY NAME: .....

COMPANY SEAL: .....

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**ADMINISTRATION USE ONLY:**

VERIFIED BY: ..... SIGNATURE: ..... DATE: .....

## F/30\_RECORD OF VISION TESTS

Name of Individual Tested: \_\_\_\_\_

Date of Birth: \_\_\_\_\_

Employer (If have): \_\_\_\_\_

Email: \_\_\_\_\_

The vision tests shall meet the following criteria:

1. Near vision acuity shall be verified to be in accordance with the requirements of ISO 18490 or shall permit reading a minimum of Jaeger number 1 or Times Roman N4.5 or equivalent letters at not less than 30 cm with one or both eyes, either corrected or uncorrected.
2. Colour vision and/or grey scale perception is sufficient for the candidate to be able to distinguish and differentiate between the colours or shades of grey used in the NDT methods/ techniques concerned as specified by the employer.

RESULT OF NEAR VISION TEST	
Record the smallest text capable of being read	
CORRECTED <input type="checkbox"/>	UNCORRECTED <input type="checkbox"/>
ISO18490 Line: _____ or Times Roman N: _____ or Jaeger number: _____	
RESULT OF COLOUR VISION TEST	
SATISFY <input type="checkbox"/>	DISSATISFY <input type="checkbox"/>
DETAILS OF PERSON CARRYING OUT THE ABOVE TESTS	
Date of test:	
Name of tester:	
Signed by tester:	
Stamp/Seal of Verifying Authority: Please place stamp/seal or Other identifying mark here:	

**NOTE:** Near vision acuity testing, colour vision and/or grey scale perception verification(s) shall be administered by a licensed physician, nurse, or optometrist; or BRIPC accepts that an approved examination centre or approved examiner can conduct the vision tests.

## F/40\_Application of Examination Exemptions

### ITEM 1. CANDIDATE'S PERSONAL DETAILS

<b>Given Names:</b>		<b>Family Name:</b>	
<b>Date of Birth:</b>			
<b>Mobile Phone NO:</b>			
<b>Personal Email:</b>			
<b>Personal Address:</b>			
<b>Company Name (If have):</b>			

Current Valid NDT Certificate by Another Certification Body (in respect of which examination is sought)			
<b>Method:</b>		<input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3	<input type="checkbox"/> Weld <input type="checkbox"/> Casting <input type="checkbox"/> Forging <input type="checkbox"/> Tubes
<b>Method:</b>		<input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3	<input type="checkbox"/> Weld <input type="checkbox"/> Casting <input type="checkbox"/> Forging <input type="checkbox"/> Tubes
<b>Method:</b>		<input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3	<input type="checkbox"/> Weld <input type="checkbox"/> Casting <input type="checkbox"/> Forging <input type="checkbox"/> Tubes

**Note:** The completed form must be sent to BRIPC with traceable copies of the certification in respect of which an exemption is sought.

### ITEM 2. NDT METHOD, LEVEL AND SECTOR APPLIED FOR

Select the method, level and sector(s) of certification available in the BRIPC/ ISO9712 scheme.

NDT method			Level	Sector(s)
<input type="checkbox"/> MT	<input type="checkbox"/> MT-FL		<input type="checkbox"/> 1	<input type="checkbox"/> Welds (w)
<input type="checkbox"/> PT			<input type="checkbox"/> 2	<input type="checkbox"/> Castings (c)
<input type="checkbox"/> UT	<input type="checkbox"/> UT-PA	<input type="checkbox"/> UT-TOFD	<input type="checkbox"/> 3	<input type="checkbox"/> Forgings (f)
<input type="checkbox"/> VT				<input type="checkbox"/> Tubes and pipes (t)
<input type="checkbox"/> RT	<input type="checkbox"/> RT-D	<input type="checkbox"/> RT-CT		
<input type="checkbox"/> ET				

### ITEM 3. EXAMINATIONS EXEMPTIONS GRANTED (ONLY FOR BRIPC USE)

<b>Approved by:</b>		<b>Signature:</b>		<b>Date:</b>	